

## ABSTRACT OF THE DISCLOSURE

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5 The present invention provides a process for producing  
a purine nucleotide which comprises: culturing in a medium  
a microorganism having the ability to produce a precursor of  
the purine nucleotide and carrying an introduced DNA which  
can induce and express an enzyme capable of synthesizing the  
purine nucleotide from said precursor; allowing said  
precursor of the purine nucleotide to accumulate in the  
10 culture; inducing and expressing the enzyme capable of  
synthesizing the purine nucleotide from said precursor;  
allowing the purine nucleotide formed from said precursor to  
accumulate in said culture; and then recovering said purine  
nucleotide therefrom. Microorganisms useful in said process  
15 are also provided.